## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION III 1650 Arch Street Philadelphia, Pennsylvania 19103-2029

SUBJECT: Lithium Reanalysis – HW06 18 July 2012

Dimock, PA

**FROM:** Dawn A. Ioven, toxicologist

Technical Support Branch (3HS41)

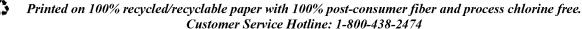
TO: Rich Fetzer, OSC

Eastern Response Branch (3HS31)

Samples initially collected from residential wells in Dimock during Weeks 1 through 4 were recently reanalyzed to achieve lower detection limits for lithium. Findings for HW06 are presented below.

## **Lithium**

Lithium was reported in wellhead samples collected from HW06 (unfiltered and filtered) at concentrations of 228 to 356 ug/L. These concentrations exceed lithium's risk-based screening level of 31 ug/L; long-term exposure to the maximum wellhead concentration of lithium (356 ug/L) would generate a Hazard Quotient of 12. Under acute exposure conditions, ATSDR has suggested a screening concentration of 1500 ug/L for lithium in drinking water.



DIM0113061 DIM0113066